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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/817,757 | 03/26/2001 | John C. Hebeisen | 022723-0017 | 7870 |
| 21125 | 7590 | 07/05/2002 | | |
| NUTTER MCCLENNEN & FISH LLP ONE INTERNATIONAL PLACE BOSTON, MA 02110 | | | EXAMINER | |
| | | | PADGETT, MARIANNE L | |
| | | ART UNIT | PAPER NUMBER | |
| | | 1762 | | |
| DATE MAILED: 07/05/2002 | | | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

6

Office Action Summary

| | |
|-------------------------------|------------------------------|
| Application No. 09/817,757 | Applicant(s) Mash / et al |
| Examiner M.L. Paigett | Group Art Unit 1762 |

AS-6

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- Responsive to communication(s) filed on _____
 This action is FINAL.
 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- Claim(s) 1-21 is/are pending in the application.
Of the above claim(s) _____ is/are withdrawn from consideration.
 Claim(s) _____ is/are allowed.
 Claim(s) _____ is/are rejected.
 Claim(s) _____ is/are objected to.
 Claim(s) 1-21 are subject to restriction or election requirement.

Application Papers

- The proposed drawing correction, filed on _____ is approved disapproved.
 The drawing(s) filed on _____ is/are objected to by the Examiner
 The specification is objected to by the Examiner.
 The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119 (a)-(d).
 All Some* None of the:
 Certified copies of the priority documents have been received.
 Certified copies of the priority documents have been received in Application No. _____.
 Copies of the certified copies of the priority documents have been received
in this national stage application from the International Bureau (PCT Rule 17.2(a))

*Certified copies not received: _____

Attachment(s)

- Information Disclosure Statement(s), PTO-1449, Paper No(s). _____ Interview Summary, PTO-413
 Notice of Reference(s) Cited, PTO-892 Notice of Informal Patent Application, PTO-152
 Notice of Draftsperson's Patent Drawing Review, PTO-948 Other _____

Office Action Summary

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1. Restriction to one of the following inventions is required under 35 U.S.C. § 121:

I. Claims 1-17, 19 and 21, drawn to a method of fabricating a corrosion and erosion resistant component, classified in Class 156 or 204 or 205 or 219 or 427, subclass 60+, or 192.3, or 80+, or (121.46 or 121.64), or (446+, 554+, 248.1+ or 421), respectively.

II. Claims 18 and 20, drawn to ^{product} [6], classified in Class ⁴²⁷ [7], subclass 411.1+.

2. Claims 1-4 and 9-17 are generic to a plurality of disclosed patentably distinct species comprising method species of (a) spraying; (b) electrolysis or chemical precipitations, ; (c) chemical vapor deposition; (d) adhesive bonding; (e) physical vapor deposition (note PVD is not necessarily a chemical process) or (f) welding with subspecies of (1) laser, (2) plasma.
Applicant is required under 35 U.S.C. § 121 to elect a single disclosed species, even though this requirement is traversed.

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the inventions unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. § 103 of the other invention.

3. The inventions are distinct, each from the other because of the following reasons:

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Inventions Group I and Group II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product which is just layered on a core can be made by other techniques to produce the same structure, such as by use of different annealing techniques, and/or by supplying the second material in a form other than powder supplied in a capsule, as via fluidized bed or diffusion techniques.

4. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classifications, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, or vice versa, restriction for examination purposes as indicated is proper.

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5. A telephone call was made to William Geary on June 25, 2002 to request an oral election to the above restriction requirement, but did not result in an election being made.

6. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(I).

7. Any inquiry concerning this communication should be directed to M. L. Padgett from Monday through Friday from about 8 A.M. to 4:30 P.M. at telephone number (703) 308-2336 and FAX #703 872-9310 (official), 872-9311 (official after final) and 305-6078 (unofficial).

MLPadgett:cdc

July 5, 2002

July 2, 2002



MARIANNE PADGETT
PRIMARY EXAMINER
GROUP 1100